

BAKHTIGIR, B. KZ.

"On a study of water storing capacity of the camel," Vestnik Akad. nauk Kazakh. SSR, 1948, No. 10, p. 79-88-Bibliog: 10 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

BAKHTIOZINA, B.Kh.

Chemical transmission of excitation along the nerve trunks. Izv.  
AN Kazakh SSR. Ser. fisiol. i med. no.1:73-106 '52. (MIRA 11:1)  
(NERVES) (BIOCHEMISTRY)

BAKHTIOZINA, B. Kh.

"The Physiology of Water Metabolism in the Camel." Dr Biol  
Sci, Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR (Apr-  
Jun 54). (Vest Ak Nauk, Nov 54) (Short summary available)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

Country : USSR  
Category: Human and Animal Physiology. Circulation.  
General Problems.

T

Abs Jour: RZhBiol., No 19, 1958, 88775

Author : Dokhtiozina, B. Kh.  
Inst : -  
Title : The Role of the Spleen in Water Metabolism.

Orig Pub: Fiziol. zh. SSSR, 1957, 43, No 8, 771-776

Abstract: Diuresis was studied in normal and splenectomized dogs, before and after infusion of water (WI; 0.5 l.). The erythrocyte count, the hematocrit index and Mb concentration were determined within 15 min., 1, 2 and 3 hours after the WI. The changes of the volume of the spleen were studied by a roentgenographic method in some ex-

Card : 1/2

BAKHTIOZINA, B. Kh.

Water metabolism in camels. Opyt isuch. reg. fisiol. funk. 4:9-13 '58.  
(MIRA 12:4)

1. Institut fisiologii AN Kazakhskoy SSR (direktor - deystv. chlen  
AN Kazakhskoy SSR prof. A.P. Polosukhin), Laboratoriya fisiologii  
sel'skokhozyaystvennykh zhivotnykh (zaveduyushchiy - prof. I.A. Ba-  
ryshnikov) i Laboratoriya ekologicheskoy fisiologii (zaveduyushchiy -  
prof. A.D. Slonim) Instituta fisiologii imeni I.P. Pavlova AN SSSR.  
(CAMELS) (WATER IN THE BODY)

BAKHTIOZINA, B.Kh.

Quantitative characteristics of water metabolism in the camel.  
Izv. AN Kazakh. SSR. Ser. med. i fiziolog. no. 1:90-100 '60.

(WATER IN THE BODY) (CAMELS)

(MIRA 13:10)

BAKHTIOZINA, B.Kh.

Change in water metabolism in thirst in camels. Izv. AN  
Kazakh. SSR. Ser. med. i fiziolog. no. 2:101-108 '60.

(WATER IN THE BODY) (CAMELS) (THIRST) (MIRA 13:10)

BAKHTIOZINA, B.Kh.

Body temperature, respiratory frequency, blood pressure and heart  
beat rate in camels in water deficiency. Izv. Akad. Kazakh. SSR. Ser.  
med. i fisiol. no.1:16-26 '61. (MIRA 15:4)  
(THIRST) (CAMELS—PHYSIOLOGY)

BAKHTIOZINA, B.Kh.

Effect of water deficiency on the blood composition in camels. Izv.  
AN Kazakh. SSR. Ser. med. i fiziol. no.1:27-36 '61. (MIRA 15:4)  
(THIRST) (BLOOD) (CAMELS--PHYSIOLOGY)

BAKHTIOZINA, B.Kh.

Content of chlorides in the urine and blood of camels in water deficiency.  
Izv. AN Kazakh. SSR. Ser. med. i fiziol. no.1:37-41 '61. (MIRA 15:4)  
(THIRST) (CHLORIDES IN THE BODY) (CAMELS—PHYSIOLOGY)

BAKHTIOZINA, B.Kh.

Some experimental data on the problem of complex reflex regulation of water in the body. Izv. Akad. Kazakh. SSR. Ser. med. i fisiol. no.1:42-45 '61.  
(MIRA 15:4)

(WATER METABOLISM)

BAKHTIYAROV, A.S.; ZAREMBO, K.S.; RABINOV, I.L.

First experience in operating an asbestos cement, high-pressure  
gas pipeline. Gaz.prom. 6 no.2:39-41 '61. (MIRA 14:4)

(Gas, Natural--Pipelines)

BAKHTIYAROV, A.S.; PASTUKHOV, I.V.; STEPANCHIKOV, Ye.A.

Industrial experience in the thermal treatment of wells with  
a thermal injector. Nefteprom. delo no.4:17-20 '63.  
(MIRA 17:8)

1. Neftepromyslovoye upravleniye "Ishimbayneft".

BAKHTIYAROV, I. A., CAND PHYS-MATH SCI, "TORSION OF THE  
PRISMATIC BAR OF ~~REINFORCED~~ <sup>shoring</sup> CONCRETE." BAKU, 1961. (COM. OF  
HIGHER AND SEC SPEC ED OF THE COUNCIL OF MINISTERS AZSSR.  
AZERBAYDZHAN STATE UNIV IMENI S. M. KIROV). (KL-DV, 11-61,  
208).

-3-

L 17403-63

EWP(r)/EWT(m)/BDS AFTTC EM

S/124/63/000/004/034/064

52

AUTHOR: Bakhtiyarov, I. A.TITLE: The problem of twisting a prismatic beam of box profilePERIODICAL: Referativnyy zhurnal, Mekhanika, no. 4<sup>b</sup>, 1963, 7, abstract 4V44  
(Uch. zap. Azerb. un-t. Ser. fiz.-matem. n., no. 5, 1961, 23-30)

TEXT: On the basis of results of an earlier article (Izv. AN AzerSSR, Ser. fiz.-matem. i tekhn. n., 1959, no. 6, 146-158-Ref. Zhur. Mekh, 1961, 1V41) the author works out a numerical example for area boundaries sufficiently close to each other (semidiagonal ratio of 0.7), limiting himself to the first eight equations of an infinite system of linear equations. The solution to a briefer system is obtained by two approximations. The tangential stresses are computed for characteristic points of the cross-section, by formulas of the author, and also on an electrical model. It is demonstrated that the results coincide with a sufficient degree of accuracy.  
Yu. A. Amenzade.

[Abstracter's note: Complete translation.]

Card 1/1

BARANOV, A. T., kand.tekhn.nauk; BAKHTYAROV, K. I., inzh.

Investigating cellular concretes by acaoustical methods. Bet. i  
shel.-bet. no.10:458-462 O '60. (MIRA 13:10)  
(Lightweight concrete--Testing)  
(Ultrasonic waves--Industrial applications)

S/081/62/000/003/057/090  
B149/B102

AUTHORS: Baranov, A. T., Bakhtiyarov, K. I.

TITLE: The relative characteristics of cellular materials

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 393, abstract  
3K367 (Stroit. materialy, no. 7, 1961, 26-30)

TEXT: The characteristics offered represent the absolute volumes of basic components - gas, free water, chemically bound water and dry mix, referred to 1 kg of dry mix. Using the relative characteristics, formulas were developed for calculations of porosity of material, calculations of volume weights of basic components of cellular mixes and calculations of the use of a porosity-forming agent. Examples of calculations are given, in which the suggested formulas are used. (Abstracter's note: Complete translation.)

Card 1/1

BARANOV, AT., kand.tekhn.nauk; BAKHTIYAROV, K.I., inzh.; BOBROV, O.D.,  
inzh.

The strength and durability of cellular concretes. Bet.i zhel.-  
bet. 8 no.9:397-402 S '62. (MIRA 15:12)  
(Lightweight concrete)

BARANOV, A.T., kand, tekhn. nauk; BAKHTIYAROV, K.I., inzh.

Influence of basic technological factors on the properties  
of cellular concrete. Trudy NIIZHB no.32:228-241 '63.  
(MIRA 17:1)

BAKHTIYAROV, K.I., inzh.

Study of the elastoplastic properties of cellular concrete  
by the ultrasonic and vibration methods. Trudy NIIZHB no.32:  
263-269 '63. (MIRA 17:1)

VOL'KOVICH, N.Ye.; RAKHTIYAROV, Sh.Z.; KAGALOVSKIY, S.P.; YEROFEEV, S.B.

Universal stand for testing the working mechanisms of cotton  
picking machinery. Dokl. AN Uz. SSR no.12:41-44 '57.

(MIRA 11:5)

1.Institut matematiki i mekhaniki im. V.I. Romanovskogo AN UzSSR.  
Predstavлено акад. AN UzSSR S.S. Kanashom.  
(Cotton picking machinery)

BAKHTIAROV, V. A.

CA

II H

The protein fractions in blood and spinal fluid after  
poisoning of the nervous system with carbon monoxide.  
A. Bakhtiyarov. Akad. Med. (U. S. S. R.) 10, 735-9  
(1955). Chronic CO poisoning decreases blood and spinal  
fluid albumin, increases blood and spinal fluid globulin,  
and decreases the permeability of the hematoencephalic  
barrier. S. A. Karjala

BAKHTIZAROV, V. A. and PANTELEYEVA, V. F.

"Pathomorphology of Congenital Pyloric Stenoses," Vop. pediat. i okhr. mat. i det., 20, No.3, 1952

BAKHTIAROV, V. A.

"Multicellular Hydatid Tumor of the Brain," Zhur. Nevr. i Psich., 52, No.6,  
1952

BAKHTIAROV, V.A.

Chromatophore at the crus cerebelli. Zhur.nevr.i psich. 53 no.5:346-349  
My '53. (MLRA 6:5)

1. Sverdlovskaya sheleznodorozhnaya bol'nitsa.

(Brain)

BAKHTIAROV, V. A.

BAKHTIAROV, V.A., dotsent (Sverdlovsk)

Histomorphological modifications of nerves and vessels of the stomach in peptic ulcer and cancer. Klin. med. 32 no.4:75-79  
(MLRA 7:7)  
Ap '54.

1. Is kafedry patologicheskoy anatomii (zav. prof. A.I.Madov)  
Sverdlovskogo meditsinskogo instituta.

(STOMACH, neoplasms,

\*pathol., gastric nerves & blood vessels)

(PEPTIC ULCER, pathology:

\*stomach blood vessels & nerves)

14-57-6-12281

Translation from: Referatitnyy zhurnal, Geografiya, 1957, Nr 6,  
p 82 (USSR)

AUTHOR: Bakhtiarov, V. A.

TITLE: G. P. Ivanov's Method for Calculating Long-Range Flow  
Compensating Control Measures (Raschety kompensiro-  
vannogo langeletnogo regulirovaniya stoka na osnove  
metoda G. P. Ivanova)

PERIODICALS: Tr. Leningr. gidromat. in-ta, 1956, Nr 4, pp 167-179

ABSTRACT: The author interprets G. P. Ivanov's method and cites  
a number of actual examples which show the proper  
sequence of computations. G. P. Ivanov published the  
theoretical basis for his method in Tr. I soveshcha-  
niya po regulirovaniyu stoka, AN SSSR, 1946.

Card 1/1

BAKHTIYAROV, V. A.: Doc Med Sci (diss) -- "The morphology of gastric ulcers".  
Ryazan', 1958. 19 pp (Ryazan' State Med Inst im Acad I. P. Pavlov), 225 copies  
(KL, No 6, 1959, 141)

BAKHTIYAROV, V.A., dots.

Abram Iosifovich Hodov. Arkh.pat. 20 no.9:96 S'58 (MIRA 11:10)  
(HODOV, ABRAM IOSIFOVICH, 1897)

BAKHTIYAROV, V.A.

Morphology of the nerve endings of the gastric wall in peptic ulcers [with summary in English]. Arkh.anat.gist. i embr. 35 no.6:71-76 N-D '58. (MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. A.I. Nodov) Sverdlovskogo meditsinskogo instituta. Adres avtora: g. Sverdlovsk, Meditsinskiy institut, kafedra patologicheskoy anatomii.

(PEPTIC ULCER, pathol.

nerve endings of gastric wall (Rus))

(NERVE ENDINGS, pathol.

in peptic ulcer (Rus))

BAKHTIYAROV, V.A. (Sverdlovsk (oblastnoy) 27, ul. Zhdanova, d.9, kv.88);  
GORBUNOVA, Ye.V. (Sverdlovsk (oblastnoy) ul. Lenina, d.101, kv.44)

Primary sarcoma of the pancreas; Vop.onk. 5 no.6:737-740 '59.  
(MIRA 12:12)

1. Iz patologoanatomiceskogo otdeleniya (rev. - dors. V.A. Bakhtiyarov) Sverdlovskoy oblastnoy klinicheskoy bol'niitsay No.1 (glavnnyy vrach - M.S. Levchenko).

(PANCREAS, neoplasms  
primary sarcoma (Rus))

(SARCOMA, case reports  
pancreas, primary sarcoma (Rus))

BAKHTIAROV, V.A., dotsent

"Measuring knife" for anatomical study. Kaz.med.shur. 40 no.6:  
120 N-D '59. (NIRA 13:5)

1. Iz Sverdlovskoy oblastnoy klinicheskoy bol'ницы No.1 (glav-  
vrach - N.S. Levchenko).  
(SURGICAL INSTRUMENTS AND APPARATUS)

BAKHTIYAROV, V.A., dotsent; KAZAKOV, G.M. (Sverdlovsk)

Pathomorphology of chronic nonspecific mesenteric lymphadenitis in  
children. Kaz.med.zhur. no.5:111-112 8-0 '60. (MIRA 13:11.)  
(LYMPHATICS--DISEASES)  
(MESENTERY)

BAKHTIYAROV, V.A.; PUSHKAREV, L.N. (Sverdlovsk)

Pathomorphology of the inferior vena cava following its ligation.  
Arkh.pat. no.11:70-72 '61. (MIRA 14:10)

1. Iz kafedry normal'noy anatomi (zav. - prof. T.P. Gorbasheva)  
Sverdlovskogo meditsinskogo instituta i iz patologoanatomiceskogo  
otdeleniya (konsul'tant - dotsent V.A. Bakhtiyarov) Sverdlovskoy  
oblastnoy bol'nitsy No.1.  
(VENA CAVA—SURGERY)

BAKHTIYAROV, V.A. (Sverdlovsk)

Preparation of transparencies. Lab. delo 7 no.5:61 My '61.  
(MIRA 14:5)  
(TRANSPARENCIES)

BAKHTIYAROV, V.A. (Sverdlovsk (obl.) 27, ul. Zhdanova, 9, kv.88);  
SHABUROV, P.V. (Sverdlovsk (obl.) 28, ul. Mol'nikova, 22,  
korp.4, kv.29)

Hemangioendothelioma of the small intestine as a cause of  
severe intestinal hemorrhage. Vop.onk. 8 no.8:75-78 '62.  
(MIRA 15:9)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. V.F.  
Kolosovskaya) Sverdlovskogo meditsinskogo instituta (rektor -  
prof. A.F. Zverev) i patologoanatomiceskogo otdeleniya  
(konsul'tant - dots. V.A. Bakhtiyarov) Sverdlovskoy oblastnoy  
klinicheskoy bol'nitsy No.1 (glav. vrach - M.S. Levchenko).  
(INTESTINES—CANCER) (GASTROINTESTINAL HEMORRHAGE)

BAKHTIYAROV, V.A. (Sverdlovsk, ul.Zhdanova, d.9., kv.88); SHADRINA, V.M.;  
ARTEMOVA, L.F. (Sverdlovsk)

Clinical anatomical diagnosis of thymoma. Grud.khir. 4 no.6:  
102-104 N-D'62. (MIRA 16:10)  
(THYMUS GLAND—TUMORS)

BUKTYAROV, V.A. (Sverdlovsk (obl.) 27, ul. Khdanova, d.9, kv.83)

Tertiaryosarcoma of the jejunum. Vop. onk. 9 no.11.95.97 '63.  
(MIRA 18-2)

I. In Sverdlovskoy oblastnoy klinicheskoy bol'nitsy No.1 (glevnyy  
vrach - M.S. Levchenko).

BAKHTIYAROV V.A., detsent; SHLYAPNIKOV, V.N., kand.med.nauk

Work of the Kemerovo Province Society of Pathoanatomists in 1964.  
Arkh. pat. 27 no.8-89-90 '65. (MIRA 18,10)

1. Predsedatel' Kemerovskogo oblastnogo obshchestva patologoanatomov  
(for Bakhtiyarov). 2. Sekretar' Kemerovskogo oblastnogo obshchestva  
patologoanatomov (for Shlyapnikov).

L 31497-66 EWT(1)/T IJP(c)  
ACC NR: AF6013026

SOURCE CODE: UR/0051/66/020/004/0692/0700

AUTHOR: Shifrin, K. S.; Perel'man, A. Ya.; Bakhtiyarov, V. G.  
ORG: none

48

B

TITLE: Determination of the spectra of particles of a disperse system from data on its transparency. VI. Experimental verification of the method by means of models

SOURCE: Optika i spektroskopiya, v. 20, no. 4, 1966, 692-700

TOPIC TAGS: spectral distribution, optic transmission, particle spectrum, optic dispersion

ABSTRACT: The first five parts of the article (Opt. i spektr. v. 15, 533, 667, 803, 1963; v. 16, 117, 1964; v. 20, 143, 1966) dealt with a theoretical method for determining the spectrum of particles in a disperse system by determining the spectral transparency, and contained formulas derived on the basis of certain assumptions and theoretical models. The present article discusses the difficulties which arise in experimentally checking this method and describes experiments made on several two-dimensional models of turbid media. These were either spores of fungi Calvatia, on a dry plate made of KRS-5, or dispersed single crystals of AgBr

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UDC: 541.182 + 535.345.1.001.1

L 31497-66  
ACC NR: A16013026

in gelatin, placed on a quartz plate. The spectral transparency was measured with standard instruments in the 0.24-1.1 and 2-25 mm ranges. The distribution of the dimensions of the spores or the AgBr were measured with an electron microscope and the size distribution was determined microphotographically by a sampling technique, since the plane model did not fit the field of view of the electron microscope. The spectra obtained with the electron microscope and by the transparency method were found to be in satisfactory agreement. Orig. art. has: 6 figures and 13 formulas.

SUB CODE: 20/ SUBM DATE: 24Oct64/ ORIG REF: 010/ OTH REF: 001

Card 2/2 mc

BAKHTIYAROVA, Kh. Kh.

Bakhtiyarova, Kh. Kh. -- "The Stability of Endometry in Cases of Uterine Prolapse." Min Health RSFSR. Bashkir State Medical Inst imeni XVth Anniversary of VLKSM. Ufa, 1956. (Dissertation for the Degree of Candidate in Medical Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

BAKHTIYAROVA, V.I. (Kiyev, Vozdukhoflotskoye shosse, d.83/26, v.28)

Formation of the hip joint in untreated congenital dislocation  
and subluxation studied in X-ray pictures. Ortop., travm. i  
protez. 25 no.1:13-18 Ja '64. (MIRA 17:9)

1. Iz Ukrainskogo instituta ortopedii i travmatologii (dir. -  
dotsent I.P. Alekseyenko, nauchnyy rukovoditel' - chlen-  
korrespondent AMN SSSR prof. F.R.Bogdanov).

BUKHTIYCHUK, P.V.; OVSYANNIKOV, V.D.

Strong and inexpensive tie plates. Put' i put.khos. no.6:36-37  
Je '57. (MIRA 10:7)

1. Nachal'nik Pinskikh putevikh doroshnykh masterskikh (for  
Bukhtiychuk). 2. Glavnyy inzhener Pinskikh putevikh doroshnykh  
masterskikh (for Ovsyannikov).  
(Railroads { Ties)

BAKHTIZIN, N. R.

Baktizin, N. R.

"Deepening the Arable Layer of Gray Forest Soils of the Bashkir Ural Piedmont." Min Higher Education USSR. Armenian Agricultural Inst. Yerevan, 1955. (Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

PEROV, V.L.; BAKHTIZINA, R.I.; ISHCHENKO, I.I.

News review. Khim. prom. 40 no.9:711 S '64.

(MIRA 17:11)

Dissertation: "Effect of the Feeding of Roots on theillet Crop." Cand Agr Sci, Kiev Agricultural Inst, Kiev, 1952. Referativnyj zhurnal--Khimiya, Moscow, No 7, Apr 54.

SO: SUM 284, 26 Nov 1954

DEMIDENKO, T.T. [deceased]; BAKHTU, L.M. kand.sel'skokhozyaystvennykh nauk,  
assistant

Effect of bacterial fertilizers on the yield and quality of potatoes.  
Nauch. trudy UASHN 10:71-76 '60. (MIRA 14:3)

1. Chlen-korrespondent Ak USSR (for Demidenko).  
(Potatoes—Fertilizers and manures)  
(Soil inoculation)

BAKHTOV, G.S.

Attachment to the device for checking the run-out of low-module  
gears. Izm.tekh. no.1:18 Ja '60. (MIRA 13:5)  
(Gearing--Testing)

6,7500(3203,1140,1524)

87323  
S/111/60/000/001/001/005  
B012/B077

AUTHORS: Klykov, S. I., Candidate of Technical Sciences,  
Bakhtov, I. S., Engineer, Davydov, Yu. V., Engineer

TITLE: New Transit Phototelegraphic Equipment

PERIODICAL: Vestnik svyazi, 1960, No. 1 (238), pp. 3-5

TEXT: The presently used system of optical retransmission of photo telegrams shows some basic disadvantages which are pointed out in this article. An enterprise of the electrotechnical industry and the TsNIIS developed a new transit photographic instrument during the last three years. In the beginning of 1959, models of this system were tested and judged favorably by the komissiya Ministerstva svyazi SSSR (Commission of the Ministry of Communications). This equipment consists of special instruments for magnetic recording, control receivers, and commutating equipment for phototelegraphic connections. The magnetic recording instrument represents the main part which records the phototelegraphic signals in the transit point on a standard magnetic tape; from this tape, the signals are transmitted from one point and received at another with an equal equipment. ✓

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New Transit Phototelegraphic Equipment

S/111/60/000/001/001/005  
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The retransmission of such phototelegrams is ensured without decreasing the contrast and sharpness by applying single-line magnetic recording of modulated phototelegraphic signals by such an instrument which is free of amplitude frequency distortions. Comparing the half-tone characteristics as shown in Fig. 1 for the whole transmitting channel at the optic (curve 1) and the magnetic (curve 2) retransmission shows the great advantages of the latter. The experience shows that it is possible to retransmit each phototelegram five times magnetically. Another advantage of this method is the shorter time necessary to pass a certain point, and the possibility to re-use the magnetic tape a few hundred times. The commutating equipment is considered as another important element. The scheme and the construction of the new equipment, and its operation, are described. Tests of some models in operation established the following:  
1) Instruments for magnetic recording with a 300-4000 cycles' frequency range and a dynamic range of up to 40 db do not cause any substantial half-tone distortion if used through several magnetic retransmissions (up to five times), and hardly decrease the resolving power of the phototelegraphic instrument. 2) The mechanical shift caused by this instrument after five retransmissions is no more than  $\pm 0.1$  mm, which is quite

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New Transit Phototelegraphic Equipment

S/111/50/000/001/001/005  
B012/B077

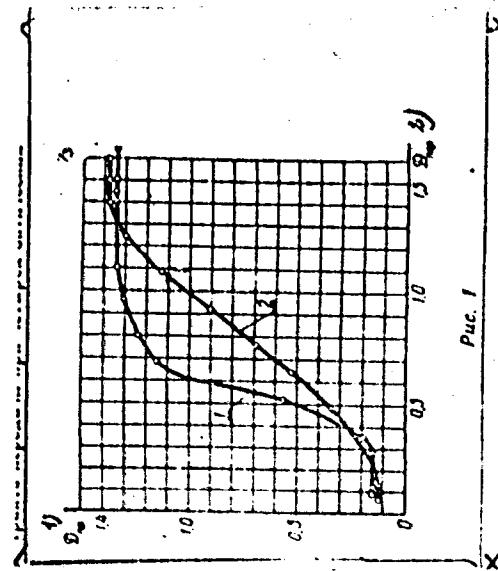
acceptable. 3) The non-uniform sensitivity of magnetic tapes diminishes the quality of transmitted half-tone phototelegrams if retransmitted four times and more but does not cause any significant distortion of dash phototelegrams if retransmitted 1-3 times. 4) The new equipment makes it possible to improve the quality of transmission and the output factor with a good stability. The unnecessary universality and complicity of the circuits, the complex construction of the elements, and the insufficient utilization of connection channels at double transmission are considered to be of disadvantage. The editors of the periodical point out that it is planned to discuss the new system at the meeting of the Tekhnicheskij sovet Ministerstva svyazi SSSR (Technical Council of the Ministry of Communications USSR). There are 2 figures.

Legend to Fig. 1: 1)  $D_{\text{reception}}$ , 2)  $D_{\text{transmission}}$

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S/111/60/000/001/001/005  
B012/B077



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SECTION OF DRAWING 3

FIG. 1

MIKHAYLOV, N.N., kand.geograf.nauk; KOFTOV, G.Ye., kand.ekonom.nauk;  
BAKHTOV, L.K.; MESTEROV, M.V.; SMIRNOV, A.M., prof., doktor  
ekon.nauk; RUBINSHTEYN, G.I., kand.geograf.nauk; YOKIM, D.F.,  
kand.ekor.nauk; AZOV, V.N.; KOROTAYEV, A.P. [deceased];  
KEYLIN, A.D., prof.; YEZHOV, I.P.; RAMZAYTSEV, D.T.; ANKUDINOV,  
V.M.; SPANDAR'YAN, V.B., red.; SHLENSKAYA, V.A., red.ind-va;  
BRONZOVA, I.A., tekhn.red.

[Handbook of Soviet foreign commerce] Spravochnik po vneshnei  
torgovle SSSR. Moskva, Vneshtorgizdat, 1958. 270 p.  
(Commerce) (MIRA 12:2)

NESTEROV, M.V., red.; BAKHTOV, K.K., red.; PAVLOVSKIY, A.A., tekhn.red.

[International commercial usage] Mezhdunarodnye torgovye oby-chai. Pod red. M.V.Nesterova i K.K.Bakhtova. Moskva, Vneshtorg-izdat, 1958. 157 p. (MIRA 12:12)

1. Vsesoyuznaya torgovaya palata. 2. Predsedatel' Presidiuma Vsesoyuznoy torgovoy palaty (for Nesterov).  
(Commerce)

BAKHTOV, K.

Soviet Union's trade representations abroad [with English summary  
in insert]. Vnesh. torg. 28 no. 4:51-55 '58. (MIRA 11:7)  
(Russia--Commerce)

BAKHTCV, S. G.

Cows-Diseases

Prevention of parturient paresis of cows., Veterinariis, 29. No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.  
2

BABHTOV, S. G.

Veterinary Medicine

Rectal examination as new method of diagnosing pregnancy in farm animals. Veterinaria  
29 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.  
<sub>2</sub>

BAKHTOV, S.G., assistant.

Controlling trichomoniasis in cattle. Veterinariia 30 no.12:  
19-22 D '53. (MLRA 6:11)

1. Moskovskaya veterinarnaya akademiya.

BAKHTOV, S.O., assistant.

Formula for determining the calving time of pregnant cows. Veterinaria 31 no.1:56 Ja '53. (MLRA 6:12)

1. Moskovskaya veterinarnaya akademiya.

BAKHTOV, S. O.

"The Prophylaxis of Bovine Mastitis During Machine Milking." Cand Vet  
Sci, Moscow Veterinary Acad, Moscow, 1954. (RZhBiol, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

BAKTOV, S. G.

BAKTOV, S. G. (Assistant, Moscow Veterinary Academy) Formula for Determination  
of pregnancy in cows.

So: Veterinariya; Vol. 31; No. 1; January 1954; Uncl.  
TABCON

BAKHTOV, S.G., kandidat veterinarnykh nauk.

Cold clay in treating acute mastitis. Veterinariia 32 no.10:  
59-61 O '55. (MIRA 8:12)

1. Moskovskaya veterinarnaya akademiya.  
(UDDER--DISEASES) (CLAY)

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa. R

Abs Jour : Ref Zhur - Biol., No. 22, 1958, No 101559

Authors : Abramov, I. V.; Bakhtov, S. G.; Forshkov, D. S.; Krasnogorov, G. A.; Petrovskiy, V. V.

Inst : Not given

Title : The Practice of Treating Bulls Afflicted with Trichomoniasis.

Orig Pub : Veterinariya, 1958, No 2, 35-40.

Abstract : Bulls were treated with intramuscular injections (12 injections) of bioquinol with local irrigations of the preputial sac and with iodine-anesthesia followed by airing and massage. These treatments were ineffective. Single intravenous injections of suramin sodium (0.045 g/kg) in a 10 percent dilution of a physiological solution and local applications of tar and cod-liver oil, as well as of novarsenol combined with iodine-anesthesia also produced negative results.

Card 1/1

BAKHTOV, S.G., dozent; POLITOV, S.N.

Method for determining the alkalinity of milk with bromothymol  
blue. Veterinaria 42 no.7:79 Jl '65. (MIRA 18:9)

1. Moskovskaya veterinarnaya akademiya (for Bakhtov). 2. Glavnnyy  
veterinarnyy vrach sovkhosa "Voskresenskoye", Moskovskoy oblasti  
(for Politov).

BAKHTOV, S.G.; PARSHUTIN, G.V.; RODIN, I.I.; TARASOV, V.R.;  
YAKIMCHUK, I.L.; BYRDINA, A.S., red.

[Practical manual on veterinary obstetrics, gynecology,  
and artificial insemination of farm animals] Praktikum  
po veterinarnomu akusherskomu ginekologii i iskusstven-  
nomu osemeneniu sel'sko-khoziais'vennykh zhivotnykh.  
[By] S.G.Bakhtov i dr. Moskva, Kolos, 1965. 295 p.  
(MIRA 18:4)

ALEKSANDROW, A.D.; MEDVEDEV, Ye.K.; BAKHTOVA, K.K.; LEVCHUK, K.V., red.  
izd-va; TSAGURIYA, G.M., tekhn.red.

[Collection of commercial treaties and commercial and payment agreements as well as long-term agreements of the U.S.S.R. with foreign states as of January 1, 1961] Sbornik torgovykh dogovorov, torgovikh i platezhykh soglashenii i dolgozrochnykh torgovykh soglashenii SSSR s inostrannymi gosudarstvami na 1 ianvaria 1961 goda. Moskva, Vneshtorgizdat, 1961. 623 p. (MIRA 14:11)

1. Russia (1923- U.S.S.R.) Ministerstvo vneshnay torgovli. Dogovorno-pravovoye upravleniye.

(Commercial treaties)

PLYUSHKIN, M.Z.; LITVINOVA, T.I.; BAKHTURINA, F.F.

Skull formation in bauxite sintering furnaces. TSvet. met.  
36 no.8:87-89 Ag '63. (MIRA 16:9)  
(Bauxite) (Sintering)

SMIRNOV, V.I., inzh.; BAKHTYUKOV, V.M., inzh.; KOLOSOVSKAYA, A.K.,  
kand.fiz.-matem.nauk

Determination of the length of a solid fat using a luminous  
jet. Izv.vys.ucheb.zav.; energ. 7 no. 4:99-102 Ap '64.  
(MIRA 17:5)

1. Moskovskiy institut khimicheskogo mashinostroyeniya.  
Predstavlena kafedroy obshchego mashinostroyeniya.

L 55036-65 ENT(1)/EMP(m)/EWA(d)/EPR/EWA(1) PD-1/PS-4/PI-4 MM  
ACCESSION NR: AP5011581 JR/0143/65/000/004/0101/0104

532.522

AUTHOR: Bakhtiyukov, V. M. (Engineer); Zhilinskij, I. B. (Candidate of technical sciences); Dorozhkin, Smirnov, V. I. (Candidate of technical sciences)

TITLE Effect of the speed of an ambient medium upon the disintegration characteristics of liquid cylindrical jets

SOURCE: IVUZ. Energetika, no. 4, 1965, 101-104

TOPIC TAGS: fluid flow, liquid jet, liquid jet disintegration

ABSTRACT: The results are reported of an experimental determination of L and D in the disintegration of a liquid cylindrical jet moving with a speed  $u_1$  in another liquid which moves with a commensurable speed  $u_2$ ; here, L is the length of the solid part of the jet and D is the representative size of the drops formed as a result of the disintegration. A jet of spindle oil was injected at a rate of 0-0.565 lit/min. into a stream of water flowing at a rate of 0-10.5 lit/min. It

Copy 1/2

L 55036-65

ACCESSION NR: AP5011581

was proven that, with a laminar flow, the speed of a continuous medium does not affect L. Curves showing the effect of Re-criterion on L and D for axi-symmetrical and conular disintegration types are presented. Design formulas (3 and 8) verified by the above experiments are given. Orig. art. has 5 figures and 8 formulas.

ASSOCIATION: Moskovskiy Institut khimicheskogo mashinostroyeniya (Moscow Institute of Chemical Machine Building)

SUBMITTED: 06 Mar 64

ENCL: 00

SUB CODE: ME

NO REF SOV: 003

OTHER: 002

Card 2/2

SHIRNOV, V.I.; BAKHTYUKOV, V.M.

Criteria relationship effect on the diameter of drops in the atomization of liquids by means of centrifugal jets. Izv.  
vys. ucheb. zav.; tekhn. tekst. prom. no.4:122-126 '65.

I. Ivanovskiy tekhnichnyy Institut Frunze.  
(MTR A 1819)

L00610-67 EXP(m)/EXT(1)  
ACC NR: AP6023676

SOURCE CODE: UR/0143/66/000/004/0055/0060

AUTHOR: Smirnov, V. I. (Candidate of technical sciences); Bakhtyukov,  
V. M. (Engineer)

ORG: Moscow Institute of Chemical Equipment Construction (Moskovskiy  
institut khimicheskogo mashinostroyeniya)

TITLE: Splitting into drops of a twisted cylindrical jet in a dense  
medium

SOURCE: IVUZ. Energetika, no. 4, 1966, 55-60

TOPIC TAGS: hydrodynamic theory, jet flow, flow stability

ABSTRACT: Solution of the problem is by the method of small  
perturbations, based on the theory of hydrodynamic stability. An  
investigation is made of the appearance and development of unstable  
perturbations, which are a function of time and which lead to breakup of  
the jet. The problem is posed as follows. A continuous cylindrical jet  
of liquid with an axial velocity  $w$  issues from an orifice of radius  $a$ .  
As a result of twisting, the particles of the jet have a tangential  
velocity

$$v = \frac{C}{r},$$

Card 1/2

UDC: 532.522

L 04816-67

ACC NR: AP6023676

where  $r$  is the flow radius;

$C = v_{\text{out}} a = A \omega r$   
 $(v_{\text{out}}$  is the tangential velocity of the liquid at the outlet of the atomizer). The geometric characteristics of the atomizer A are determined by its constructional dimensions

$$A = \frac{\pi R^2 n}{n^2}$$

where  $r_{in}$  is the radius of rotation at the inlet of the atomizer;  $n$  and  $f$  are the number and the area of the cross section of the inlet openings. The liquids of the jet and the surrounding medium are assumed to be ideal, weightless, and incompressible. The Laplace equation which satisfies the velocity potential of such a motion, in cylindrical coordinates has the form

$$\frac{\partial^2 \psi_j}{\partial r^2} + \frac{1}{r} \cdot \frac{\partial \psi_j}{\partial r} + \frac{1}{r^2} \cdot \frac{\partial^2 \psi_j}{\partial \theta^2} + \frac{\partial^2 \psi_j}{\partial z^2} = 0 \quad (j = 1, 2) \quad (I)$$

Here  $\psi_j$  is the potential of the velocities of the jet ( $j = 1$ ) and the surrounding medium ( $j = 2$ );  $r, \theta$ , and  $z$  are the radial, tangential, and axial coordinates in a cylindrical system. The article proceeds to a mathematical solution of the above problem. Calculated results are compared satisfactorily with experimental data. Orig. art. has: 33 formulas and 3 figures.

SUB CODE: 20/ SUBM DATE: 13Nov64/ ORIG REF: 004/ OTH REF: 001  
 Card 272 of

547.314.2

APPENDIX: Rayleigh and Raoult's Law

The TAK reactor and its ability to produce styrene from natural gas mixtures was studied. It consisted of two extraction stages.

REACTOR: The last stage of the high pressure extraction of styrene from natural

gas mixtures was studied. It consisted of two extraction stages.

1. 2. 3. 4. 5.

Solubility logics. The solvent temperature was 20°C. The solubility of the polymer in the solvent was measured at 20°C.

2. 3. 4. 5.

2. 3. 4. 5.

1. 2. 3. 4. 5.  
Moskovskiy institut khimicheskogo mashinostroyeniya (Moscow Institute  
of Chemical Machine Building)

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N - 12, V - 1, E - 1, S - 1

p. 2

Card 3/5

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CIA-RDP86-00513R000103110019-5"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103110019-5

ACCESSION N : AFS 1006

ENCLOSURE: C

Cord 1/5

Collection of sedimentary facies

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103110019-5"

ACCESSION NR: AP5013516

NY 100-778

From Enclosure

a - data obtained by the a  
b - data obtained by I. P. Myakin  
and V. M. Shlyapnikov, Novosibirsk  
nafftaryancy i gazonovy tehnicheskii  
"Vestnoperabotka" Bureau  
No. 7, 205 Leni, 1, 2470

Card 5/5

PIGULEVSKIY, G.V.; BAKITA, L.A.

Composition of the oxygen-containing fraction of etheral  
oil of *Lilacotis transcaucasica* Schischk. Zhur. prikl.  
khim. 38 no.5 1113-1117 Ny '65. (MIRA 18:11)

VYGOTSKY, L. S., DANILOVICH, S. G.

Language and Languages

Results of the reorganization of linguistic work in the light of I. V. Stalin's works on linguistics. Vest. AN SSR, 22, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 ~~1953~~. Unclassified.

БАРХУДАРОВ С.С.

LOMONOSOV, M.V.; VAVILOV, S.I., akademik, redaktor; KRAVETS, T.P., redaktor; VINOGRADOV, V.V., akademik, redaktor; TOPCHIYEV, A.V., akademik, redaktor; BARKHUDAROV, S.S., redaktor; ANDREYEV, A.I., redaktor; BLOK, G.P., redaktor; YELISEYEV, A.A., redaktor; KNYAZEV, G.A., redaktor; CHENAKAL, V.L.; FLEVZNER, R.S., tekhnicheskij-rekaktor

[Complete collected works] Polnoe sochranie sochinenii. Moskva, Izd-vo Akademii nauk SSSR. Vol.4.[Works on physics, astronomy, and instrument construction, 1744-1765] Trudy po fizike, astronomii i priborostroeniu 1744-1765 gg. 1955. 830 p. (MLRA 8:6)

1. Chlen-korrespondent Akademii nauk SSSR (for Kravets, Barkhudarov).  
(Physics) (Astronomy) (Instruments)

BAKHUDARYAN, S.S.

Physiological mechanism of disinhibition during the interaction  
of various types of internal inhibition. Zhur. vys. nerv. deiat.  
10 no. 5:699-708 S-0 '60. (MIRA 13:12)

1. Institut evolyutsionnoy fiziologii im. I.M. Sechenova Akademii  
nauk SSSR.

(INHIBITION)

BAKHUGUN, Kh.N.

International Confederation of Free Trade Unions helps conduct the foreign policy of the United States of America. Vsem.prof.dvish.  
no.7:20 Jl'55. (MLRA 8:10)

1. Sekretar' Indiyskogo natsional'nogo kongressa profsoyuzov  
(International Confederation of Free Trade Unions)

## **LEKHNIN, FED.**

1

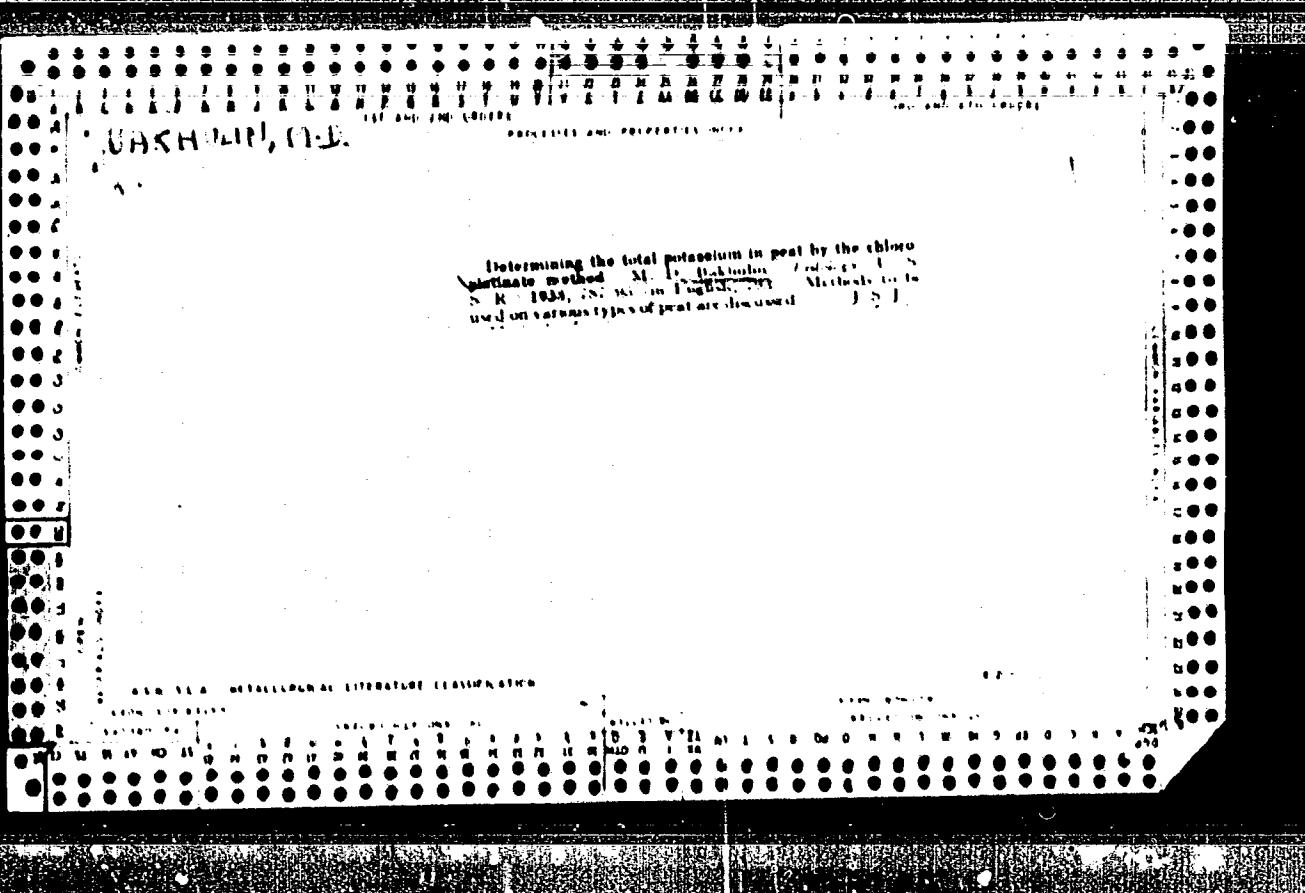
۱۵

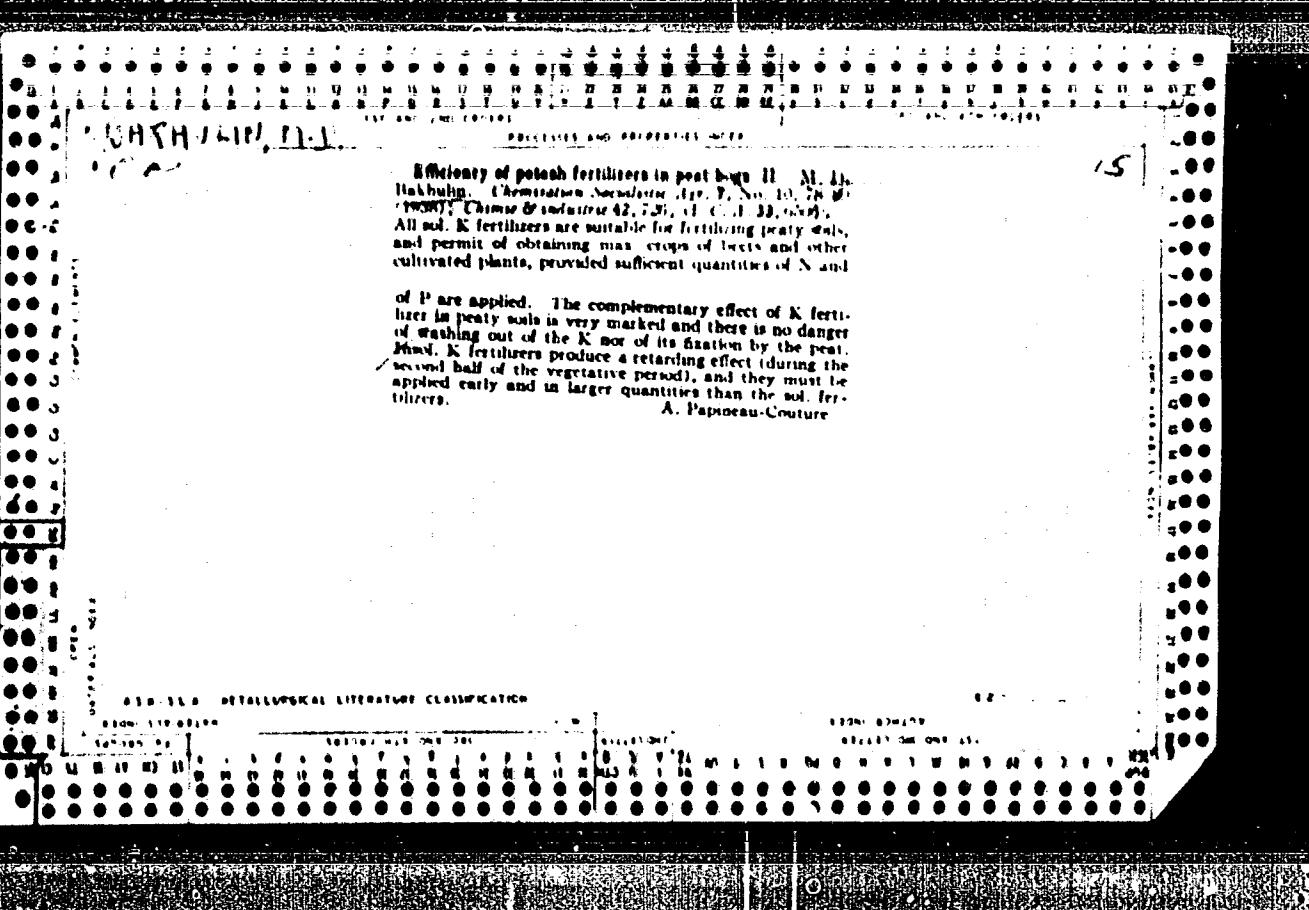
**Summary of fertiliser experiments in the government formerly known as Chorlagov.**  
**M. D. BAKULIN.** *Trans. Soc. Inst. Fertilizers* (Moscow) No. 83, 1-89 (1933).—B.  
 summarised the data on 1800 fertiliser expts. with a large no. of crops on sandy, sandy  
 loam, and loamy podzolic loam and sandy loam forest grey soil, sandy loam and loamy  
 Chernozem in various stages of degradation, subsoil and subsoil, dark-coloured soils  
 of the valleys, and alluvial soils covering a period of more than 21 years and comparing  
 the various fertilisers. A list of 201 references is given.  
 I. K. LOPEZ

## **400-300 METALLURGICAL LITERATURE CLASSIFICATION**

**APPROVED FOR RELEASE: 06/06/2000**

CIA-RDP86-00513R000103110019-5"





CHENNAI, M.J.

15

Reclaiming marshy soils for agricultural purposes

M. D. Balakumaran, Iyer and Chidambaram, Venkatesan  
and V. S. Venkatesan, (Eds.), Soil Science, Nand, in  
Volume 1939, No. 13, Agro. Reford. Zhar. 1940, No. 8,  
47. - It describes methods for reclaiming marshy soils and  
conditions for applying N, P, K and lime fertilizers.

W. G. W.

BAKRUJIN, M. D.

"The Effectiveness of Phosphorus fertilizers on Peat Soil,"  
Trudy TsKhA, 5, No. 1, 216-250, 1940      (Chem. Abs., v. 38, 10 Feb '44)

The effectiveness of phosphates in peat soils depends on the content of total P and Ca in the peat. The yields of crops are not increased by the addition of phosphates if the content of  $P_2O_5$  in the peat is 0.5%. The forms of phosphate fertilizers to be used are determined by the kind of peat, by the contents of Cu and mobile Al, by exchange acidity and by the pH value.

... D.

27216 BAKHULIN, M. D. Agronomicheskaya Kharakteristika Torfa. V sb: K  
Voprosu Osvoeniya I Razvitiya Proizvodit. Sil. Poles'ya. Minsk,  
1949, s. 184-91.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

BAKHULIN, N.D.

29124

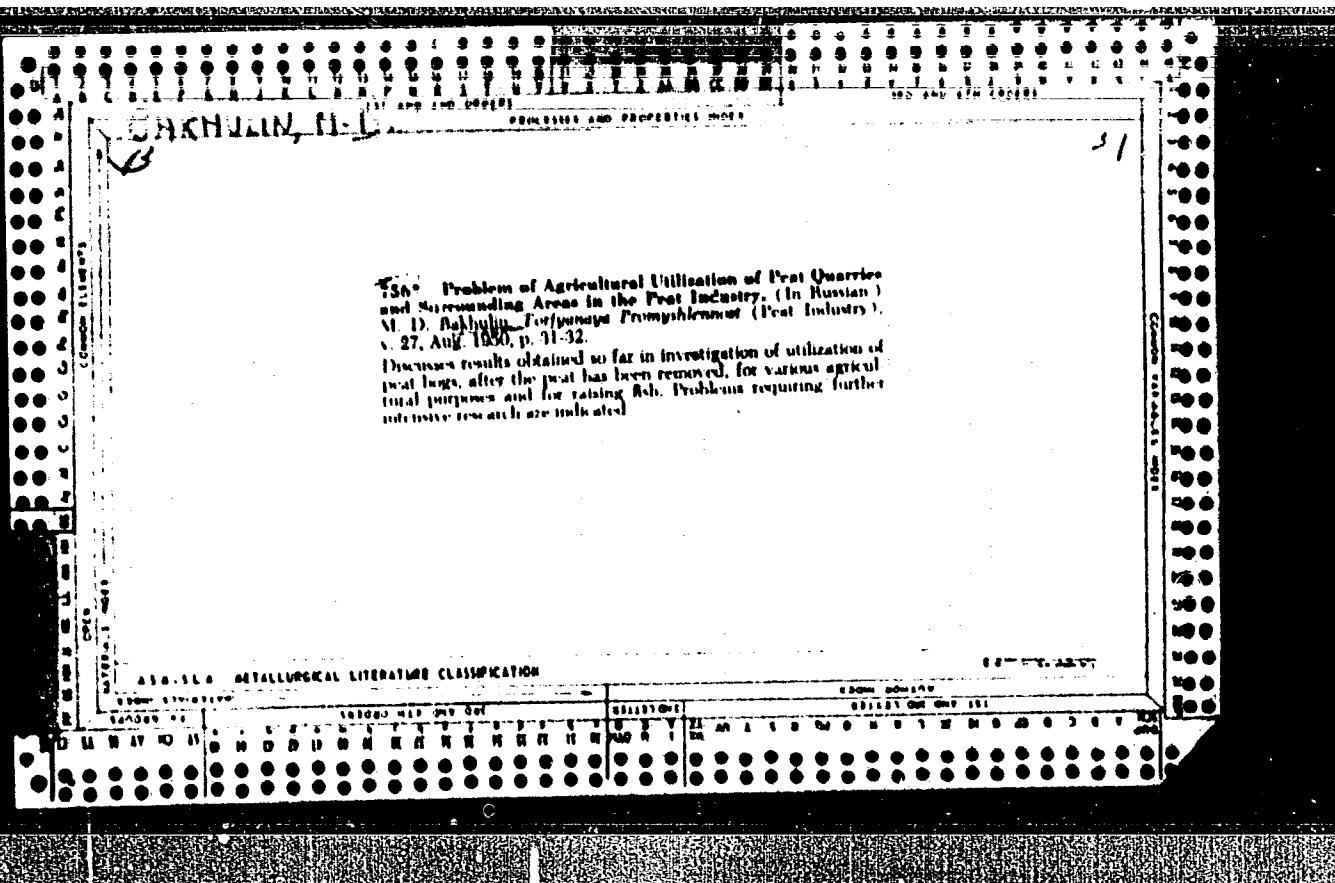
O svoystvakh torka, opriyedyelyayushchikh yogo syel'skokhoz-raystvennoye  
znaucheniye. Pochvovvedeniye, 1949, No. 9, s. 527-24--Bibliogr: 20 nazv.  
SO: LETOPIS' NO. 34

The properties of peat that determine its agricultural value. M. D. Bakhul's, *Pedology* (U.S.S.R.) 1949.  
No. 7. - Peat (low-miner type) containing no exchange  
ability serves the purpose of an agent neutralizing soil  
acids. This was done by mixing such peat with a potassium  
lignite loam soil and following through the changes in the  
exchange capacity and exchangeable cations. The expts.  
were run in pots.

J. S. Joffe

The use of copper as a fertilizer in peaty soils. M. J. Balashan. *Mikroelementy v Zemni Material i Zemledeliye*. A.S.J. Nauk S.S.R., Trudy Keng. Metodichesk. 1950, 524-525(1952).—A detailed description of symptoms of Cu deficiency in various agricultural products and plants is given. In studies of this type the effect of Cu, or of its lack, may be often masked by peculiarities of peat cultures; late sowing, lopsided supply of N, variability of yields depending on extent of liming. All peat soils are low in B, Cu, Mn and other trace elements. Usually the Cu is very bound tightly by soil org. matter in difficultly available form for the plants. The optimum dose of lime varies significantly with locations and cannot be predicted satisfactorily. Peats enriched with CaCO<sub>3</sub> requires Cu addition for good crops; this is not the case with peats enriched with alluvial and deluvial clay deposits, for such soils are well supplied with trace elements. Peats of high salinity do not respond to Cu treatment as far as yield is concerned, but they do require less than usual amounts of K in comparison with N and P. Transitional bog and top bog (slightly acidic) are quite rare; no definite benefit from Cu has been observed in such locations. Effective action of Cu, especially as regards of B and Mn, appears in peaty soils only if adequate P, N, and K supply is assured. 60 references.

G. M. Kosolapoff



1. BAKULIN, M. D. and TERYAYEVA, A. I.
2. USSR (600)
4. Peat
7. Agrochemical aspect of types of peat with a high ash content. Dokl. Ak. sel'skhoz., 17 no. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

✓ The agricultural utilization of peat soils and marshlands  
in the Yakhromsk valley. M. D. Bakulin. *Sbornik*  
*Nauč. Rabot Inst. Melioracii, Vodnogo i Tsel'noj Khoz.,*  
*Akad. Nauk Belorus. S.S.R.* 2, 93-100(1933); *Referat*  
*Zhur. Biol.* 1933, No. 5337 — Timothy and fescue grass re-  
sponded favorably to Cu fertilization. However, such  
favorable effect of Cu on meadow grasses is not general and  
depends upon the quantity of sesquioxides and P present  
in the soil. The lack and particularly the absence of Cu  
and of P leads to the degeneration of the perennial cultivated  
meadow grasses by gradually lowering the yield of greens  
and seeds. Local peat with 4.8% of  $P_2O_5$  can be used as  
an appropriate fertilizer.  
B. S. Levine

K The agrochemical characteristics of the peat bogs in the  
Yakhrom Valley. M. D. Bakulin. *Pochvovedenie*, 1955,  
No. 2, 61-71.—Data are presented in samples of peat bogs  
in the area at depths of 0-25, 25-50, and in a few places  
150-200 and 0-110 cm., giving the ash content, insol. resi-  
due,  $\text{PyO}_2$ ,  $\text{RrO}_2$ ,  $\text{CaO}$ ,  $\text{MgO}$ , and pH. J. S. Ioffe. GP

BAKHULIN, M.D.

Method for the agricultural evaluation of terrace swamps [with  
German summary in insert]. Pochvovedenie no.12:66-72 D '56.  
(MLRA 10:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki  
i melioratsii.  
(Peat bogs)

BAKHULIN, M.D.

Effect of copper fertilizers on meadow grasses grown for seeds.  
Agrobiologiya no.4:89-98 Jl-Ag '56. (MLRA 9:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki  
i melioratsii.

(Grasses) (Peat soils) (Plants, Effect of copper on)

BAKHULIN, M.D.

Drainage and its problems in the Yakhroma Valley in Moscow Province.  
Zemledelie 5 no. 8: 26-32 Aug '57. (MLRA 10:9)  
(Yakhroma Valley--Peat)